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L1	1	((comput\$4 or calculat\$4 or measur\$4) and metric\$3 and intensit\$3 and ray\$3 and dimension\$3 and label\$3 and (edg\$3 or boundar\$3) and point\$3 and extreme).CLM.	US-PGPU B	AND	ON	2006/05/02 15:00

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L2	143437	((382/128,129,130,131,132,133,134,164,171,173,179) or (600/141,142,516) or (378/37,62,90,92,98.4,98.6,98.9)).CCLS. or ("250").CLAS.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2006/05/02 15:02
L3	41368	2 and dimension\$4	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:02
L4	18023	3 and (segment\$4 or divid\$4)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:12

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L5	10457	4 and (edg\$4 or boundar\$4 or border\$2)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:12
L6	9232	5 and (calculat\$4 or comput\$4 or measur\$4)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:12
L7	2136	6 and label\$4	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:13
L8	1053	7 and (x-ray or ray\$2)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:13

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L9	901	8 and (identif\$4 or recogni\$4)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:05
L10	629	9 and (array\$2 or subarray\$2 or sub-array\$2)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:06
L11	8293	"11" and (intensit\$4 same extreme)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:07
L12	16	10 and (intensit\$4 same extreme)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:14

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L13	35	2 and ((edg\$4 or boundar\$4 or border\$2) near4 (metric\$4))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:09
L14	1	13 and (intensit\$4 same extreme)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:09
L15	1233	2 and (intensit\$4 same extreme)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:09
L16	1	15 and ((edg\$4 or boundar\$4 or border\$2) near4 (metric\$4))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:14

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L17	36208	2 and (computer or processor or CPU or PC)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:10
L18	25317	17 and (display\$3 or monitor\$3 or screen\$4)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:11
L19	19158	18 and (RAM or stor\$4 or buffer or memor\$4 or ROM)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:12
L20	18341	19 and (calculat\$4 or comput\$4 or measur\$4)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:12

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L21	9532	20 and (edg\$4 or boundar\$4 or border\$2)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:12
L22	6148	21 and (segment\$4 or divid\$4)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:15
L23	3035	22 and (x-ray or ray\$2)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:13
L24	855	23 and label\$4	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:13

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L25	22	24 and (intensit\$4 same extreme)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:16
L26	1	25 and ((edg\$4 or boundar\$4 or border\$2) near4 (metric\$4))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:15
L27	917	((edg\$4 or boundar\$4 or border\$2) near4 (metric\$4))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:15
L28	463	27 and (segment\$4 or divid\$4)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:16

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L29	6	28 and (intensit\$4 same extreme)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2006/05/02 15:16
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IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[Select All](#) [Deselect All](#)**1. Motion-driven object segmentation in scale-space**

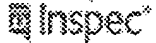
Izquierdo, E.M.; Ghanbari, M.;

[Acoustics, Speech, and Signal Processing, 1999. ICASSP '99. Proceedings., 1999 IEEE International Conference on](#)
Volume 6, 15-19 March 1999 Page(s):3473 - 3476 vol.6

Digital Object Identifier 10.1109/ICASSP.1999.757590

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IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
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- ☐ 1. **Computationally efficient nonlinear edge preserving smoothing of n-D medical images via s fingerprint analysis**
Reutter, B.W.; Algazi, V.R.; Huesman, R.H.;
[Nuclear Science Symposium Conference Record, 2000 IEEE](#)
Volume 2, 15-20 Oct. 2000 Page(s):15/282 - 15/286 vol.2
Digital Object Identifier 10.1109/NSSMIC.2000.950121
[AbstractPlus](#) | Full Text: [PDF](#)(464 KB) IEEE CNF
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- ☐ 2. **Pyramid-transform based lung-tissue MRI image segmentation**
Liyun Yu; Rolland, J.P.;
[Engineering in Medicine and Biology society, 1997. Proceedings of the 19th Annual International C](#)
Volume 2, 30 Oct.-2 Nov. 1997 Page(s):487 - 490 vol.2
Digital Object Identifier 10.1109/IEMBS.1997.757651
[AbstractPlus](#) | Full Text: [PDF](#)(288 KB) IEEE CNF
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- ☐ 3. **3D image Interpolation based on directional coherence**
Yongmei Wang; Zhunping Zhang; Baining Guo;
[Mathematical Methods in Biomedical Image Analysis, 2001. MMBIA 2001. IEEE Workshop on](#)
9-10 Dec. 2001 Page(s):195 - 202
Digital Object Identifier 10.1109/MMBIA.2001.991734
[AbstractPlus](#) | Full Text: [PDF](#)(774 KB) IEEE CNF
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- ☐ 4. **Anisotropic diffusion pyramids for image segmentation**
Acton, S.T.; Bovik, A.C.; Crawford, M.M.;
[Image Processing, 1994. Proceedings. ICIP-94. IEEE International Conference](#)
Volume 3, 13-16 Nov. 1994 Page(s):478 - 482 vol.3
Digital Object Identifier 10.1109/ICIP.1994.413760
[AbstractPlus](#) | Full Text: [PDF](#)(376 KB) IEEE CNF
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- ☐ 5. **A new active contour method based on elastic interaction**
Yang Xiang; Chung, A.C.S.; Jian Ye;
[Computer Vision and Pattern Recognition, 2005. CVPR 2005. IEEE Computer Society Conference](#)
Volume 1, 20-25 June 2005 Page(s):452 - 457 vol. 1
Digital Object Identifier 10.1109/CVPR.2005.37

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6. Representation and segmentation of a cluttered scene using fused edge and surface data

Hu, G.; Stockman, G.;

[Computer Vision and Pattern Recognition, 1989. Proceedings CVPR '89. IEEE Computer Society](#);

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7. Active contour segmentation guided by AM-FM dominant component analysis

Ray, N.; Havlicek, J.; Acton, S.T.; Pattichis, M.;

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8. Aliasing artifact suppression with adaptive segmentation based edge enhancement

Hsieh, J.;

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Digital Object Identifier 10.1109/ICIP.1997.647747

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9. Adaptive split-and-merge segmentation based on piecewise least-square approximation

Wu, X.;

[Pattern Analysis and Machine Intelligence. IEEE Transactions on](#)

Volume 15, Issue 8, Aug. 1993 Page(s):808 - 815

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10. Segmented shape descriptions from 3-view stereo

Havaladar, P.; Medioni, G.;

[Computer Vision, 1995. Proceedings. Fifth International Conference on](#)

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11. White and black blood volumetric angiographic filtering: ellipsoidal scale-space approach

Suri, J.S.; Kecheng Liu; Reden, L.; Laxminarayan, S.N.;

[Information Technology in Biomedicine. IEEE Transactions on](#)

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Digital Object Identifier 10.1109/TITB.2002.1006302

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Suri, J.S.; Liu, K.; Singh, S.; Laxminarayan, S.;

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[Rights and Permissions](#)**13. An integrated boundary and region approach to perceptual grouping**

Hoogs, A.; Mundy, J.;

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Volume 1, 3-7 Sept. 2000 Page(s):284 - 290 vol.1

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[AbstractPlus](#) | Full Text: [PDF](#)(1112 KB) [IEEE CNF](#)[Rights and Permissions](#)**14. Biological cell motion tracking in dielectrophoresis (DEP) levitation feedback control system**

Shan Da; Badawy, W.; Kaler, K.V.I.S.;

[Electrical and Computer Engineering, 2002. IEEE CCECE 2002. Canadian Conference on](#)

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[AbstractPlus](#) | Full Text: [PDF](#)(428 KB) [IEEE CNF](#)[Rights and Permissions](#)**15. Fast and accurate detection of extraocular muscle borders using mathematical morphology**

Souza, A.S.A.; Ruiz, E.E.S.;

[Engineering in Medicine and Biology Society, 2000. Proceedings of the 22nd Annual International / IEEE](#)

Volume 3, 23-28 July 2000 Page(s):1779 - 1782 vol.3

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[AbstractPlus](#) | Full Text: [PDF](#)(248 KB) [IEEE CNF](#)[Rights and Permissions](#)**16. Stereo correspondence using segment connectivity**

Kawai, Y.; Ueshiba, T.; Ishiyama, Y.; Sumi, Y.; Tomitai, F.;

[Pattern Recognition, 1998. Proceedings. Fourteenth International Conference on](#)

Volume 1, 16-20 Aug. 1998 Page(s):648 - 651 vol.1

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[AbstractPlus](#) | Full Text: [PDF](#)(148 KB) [IEEE CNF](#)[Rights and Permissions](#)**17. Route guidance sign identification using 2-D structural description**

Azami, S.; Katahara, S.; Aoki, M.;

[Intelligent Vehicles Symposium, 1996. Proceedings of the 1996 IEEE](#)

19-20 Sept. 1996 Page(s):153 - 158

Digital Object Identifier 10.1109/IVS.1996.566370

[AbstractPlus](#) | Full Text: [PDF](#)(492 KB) [IEEE CNF](#)[Rights and Permissions](#)**18. Segmentation and description based on perceptual organization**

Mohan, R.; Nevatia, R.;

[Computer Vision and Pattern Recognition, 1989. Proceedings CVPR '89. IEEE Computer Society.](#)

4-8 June 1989 Page(s):333 - 341

Digital Object Identifier 10.1109/CVPR.1989.37869

[AbstractPlus](#) | Full Text: [PDF](#)(768 KB) [IEEE CNF](#)[Rights and Permissions](#)**19. Recovering building structures from stereo**

Chung, R.C.-K.; Nevatia, R.;

[Applications of Computer Vision, Proceedings, 1992. IEEE Workshop on](#)

30 Nov.-2 Dec. 1992 Page(s):64 - 73

Digital Object Identifier 10.1109/ACV.1992.240326

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**20. Non-Rigid Motion Estimation Using the Robust Tensor Method**

Palaniappan, K.; Jiang, H.S.; Baskin, T.L.;

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27-02 June 2004 Page(s):25 - 25

Digital Object Identifier 10.1109/CVPR.2004.131

[AbstractPlus](#) | Full Text: [PDF](#)(928 KB) [IEEE CNF](#)[Rights and Permissions](#)**21. The use of optical flow for road navigation**

Giachetti, A.; Campani, M.; Torre, V.;

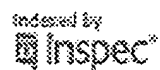
[Robotics and Automation, IEEE Transactions on](#)

Volume 14, Issue 1, Feb. 1998 Page(s):34 - 48

Digital Object Identifier 10.1109/70.660838

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Inventor Name Search Result

Your Search was:

Last Name = NIZIALEK

First Name = TANYA

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09305016	Not Issued	161	05/04/1999	METHOD AND APPARATUS FOR SEGMENTING SMALL STRUCTURES IN IMAGES	NIZIALEK, TANYA
10716797	Not Issued	71	11/18/2003	Method and apparatus for segmenting small structures in images	NIZIALEK, TANYA
60084125	Not Issued	159	05/04/1998	METHOD FOR SEGMENTING SMALL STRUCTURES IN IMAGES	NIZIALEK, TANYA

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
07897650	5574799	150	06/12/1992	METHOD AND SYSTEM FOR AUTOMATED DETECTION OF MICROCALCIFICATION CLUSTERS IN MAMMOGRAMS	BANKMAN, ISAAC N.
08548925	Not Issued	166	10/26/1995	METHOD AND SYSTEM FOR DETECTING SMALL STRUCTURES IN IMAGES	BANKMAN, ISAAC N.
08960549	Not Issued	161	10/31/1997	METHOD AND SYSTEM FOR DETECTING SMALL STRUCTURES IN IMAGES	BANKMAN, ISAAC N.
09305016	Not Issued	161	05/04/1999	METHOD AND APPARATUS FOR SEGMENTING SMALL STRUCTURES IN IMAGES	BANKMAN, ISAAC N.
60084125	Not Issued	159	05/04/1998	METHOD FOR SEGMENTING SMALL STRUCTURES IN IMAGES	BANKMAN, ISAAC N.

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